

## Section 832—Curing Agents

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### 832.1 General Description

This section includes the requirements for the following curing agents:

- Burlap or cotton fabric
- Sheet materials
- Membrane curing compound

#### 832.1.01 Related References

##### A. Standard Specifications

General Provisions 101 through 150.

##### B. Referenced Documents

AASHTO M 148

AASHTO M 171

[QPL 16](#)

### 832.2 Materials

#### 832.2.01 Burlap or Cotton Fabric

##### A. Requirements

1. Use burlap or cotton fabric that meets these requirements:
  - Burlap that is 10 to 18 oz./yd<sup>2</sup> (340 to 610 g/m<sup>2</sup>) or two layers of 6 or 7 oz./yd<sup>2</sup> (200 or 235 g/m<sup>2</sup>)
  - Cotton fabric that is white, loosely woven, and not less than 7 oz./yd<sup>2</sup> (235 g/m<sup>2</sup>)
  - Strips of burlap or cotton fabric that are between 3 and 6 ft (0.9 and 1.8 m) wide and 3 ft (1 m) longer than the width of the slab to be covered
2. Use burlap and cotton fabrics that do not contain starch or other material that could stain the concrete. If the fabric is new, soak and dry it before use.

For a list of sources, see [QPL 16](#).

##### B. Fabrication

General Provisions 101 through 150.

##### C. Acceptance

General Provisions 101 through 150.

##### D. Materials Warranty

General Provisions 101 through 150.

#### 832.2.02 Sheet Materials

##### A. Requirements

1. Use sheet material for curing concrete that meets AASHTO M 171 requirements.
2. Use waterproof paper that is white.
3. Use polyethylene film that is white opaque.

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4. For curing bridge decks, use sheet material that is either a white burlap polyethylene sheet or a white co-polymer material coated over a layer of absorbent, non-woven, synthetic fabric.

Use sheet material that meets Specification reflection and moisture retention requirements.

### **B. Fabrication**

General Provisions 101 through 150.

### **C. Acceptance**

See the requirements under AASHTO M 171.

### **D. Materials Warranty**

General Provisions 101 through 150.

## **832.2.03 Membrane Curing Compound**

### **A. Requirements**

Use liquid membrane-forming compounds that meet AASHTO M 148 requirements.

### **B. Fabrication**

General Provisions 101 through 150.

### **C. Acceptance**

See the requirements under AASHTO M 148.

### **D. Materials Warranty**

General Provisions 101 through 150.